

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number:

0 469 434 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **91112306.5**

(51) Int. Cl.⁵: **B29C 67/24, A43B 5/04,
//B29K75/00,B29L31/50,
B29L31/52**

(22) Date of filing: **23.07.91**

(30) Priority: **31.07.90 IT 8560390**

(43) Date of publication of application:
05.02.92 Bulletin 92/06

(84) Designated Contracting States:
AT CH DE FR IT LI

(88) Date of deferred publication of the search report:
16.09.92 Bulletin 92/38

(71) Applicant: **API APPLICAZIONI PLASTICHE
INDUSTRIALI SPA
Via D. Alighieri 27
I-36065 Mussolente (Vi)(IT)**

(72) Inventor: **Brunetti, Sergio
Via Martiri di Belfiore 2
I-36022 Cassola (VI)(IT)**

(74) Representative: **Bonini, Ercole
c/o STUDIO ING. E. Bonini SAS 8 Corso
Fogazzaro
I-36100 Vicenza(IT)**

(54) **Method for the production of ski boots and ski boots manufactured according to said method.**

(57) The invention discloses a method of production of ski boots made of plastic material, which is characterized in that the injection moulding process is of the RIM type (Reaction Injection Moulding) and in that compounds which react with each other to form a polyurea are used as moulding material in said process.

EP 0 469 434 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 91 11 2306

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	F. MELVIN SWEENEY 'REACTION INJECTION MOLDING MACHINERY AND PROCESSES' 1987, MARCEL DEKKER INC., NEW YORK (NY), USA * Specially page 10, line 3 - page 11 line 16 * * Specially page 219, line 30; and figures 8-10 and 8-11 * * page 75, line 25 - page 79, line 6 * * page 219, line 27 - page 222, line 8 * ---	1-6	B29C67/24 A43B5/04 //B29K75:00 B29L31:50 B29L31:52
Y	US-A-4 764 543 (MICHAEL R. SAVINA) * Specially column 3, lines 21-22 * * column 4, line 31 - column 5, line 10; examples 1,2 * * column 7, line 33 - column 8, line 66 * * claims 1-16 * ---	1-6	
A	EP-A-0 017 928 (BAYER AG) * Specially page 20, lines 20-21 * * claims 1-7; examples 1-5 * ---	1-6	
A	INTERNATIONAL POLYMER SCIENCE AND TECHNOLOGY vol. 16, no. 11, 1989, SHREWSBURY, SHROPSHIRE, GB pages 6 - 11; P. EYERER ET AL.: 'PRESENT STATE AND PROSPECTS OF POLYURETHANE RIM TECHNOLOGY FOR AUTOMOTIVE EXTERIOR BODY PARTS, PART 3.' * Specially page 9, figure 23 * ---	1	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	US-A-4 396 729 (RICHARD J. G. DOMINQUEZ ET AL.) * the whole document * -----	2-6	B29C A43B C08G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 JULY 1992	Examiner MOLTO PINOL F. J.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	